

Tuesday, November 15, 2016 1:42:49 PM

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NOV 25 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																							
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____	
Misidentified ☐	Past Due ☐																																																														

Work Order ID 153300

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153300

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Item ID: D3937-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Luminescent Strip

Start Date: 11/18/2016 Start Qty: 14.00

14

Cust Item ID:

Required Date: 12/2/2016 Req'd Qty: 14.00

14

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>S51</u>	0.00							
130									
Packaging	Memo	0.02							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.23							
Quality Control									

DAS
21 NOV 25 2016
9-89

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WORK ORDER NON-CONFORMANCE / UPDATE



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Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	OTHER : _____							
Misidentified	☐	Past Due								

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153300

D3937-1

Required Date: 12/2/2016

Required Qty: 14.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
PL88-990LH00		Purchased	No			110	Each	0.0000	1	14			
PI 88-9901 H00									**			NOV 24 2016	
Luminescent Strip													

PI 88-9901 H00

Luminescent Strip

★★

NOV 24 2016

DAS
61
9-99

DQA: _____ Date: _____



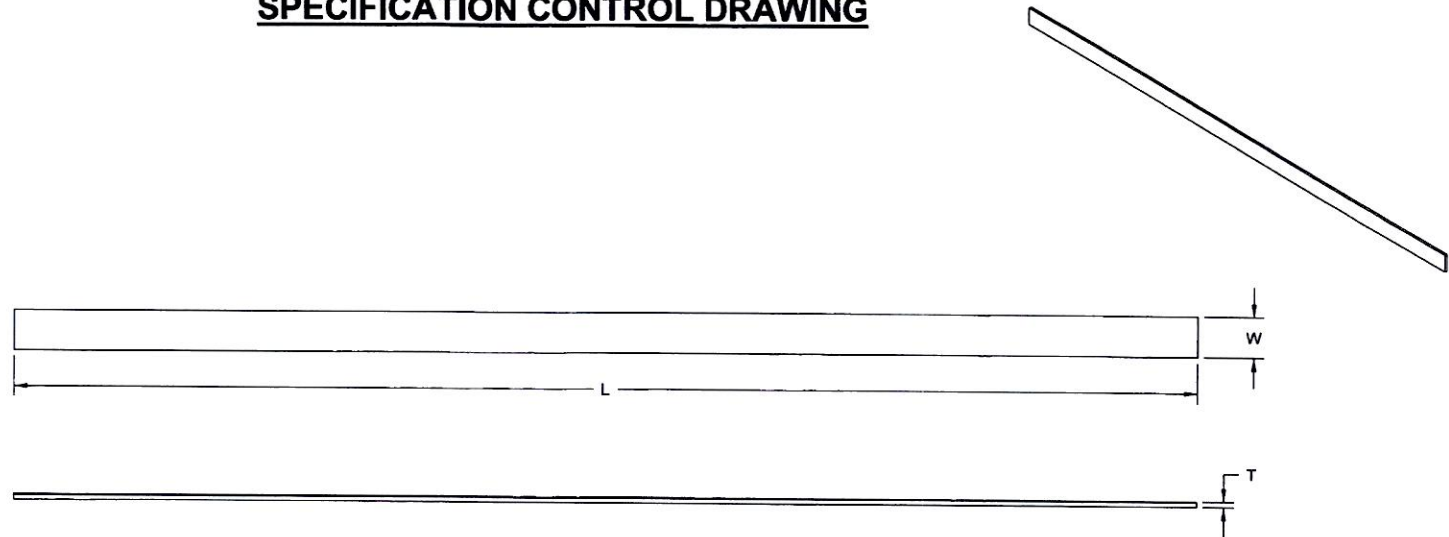
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval				
Description Work Order Deviation				Disposition				Completed By			
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : _____											

SPECIFICATION CONTROL DRAWING



D3937-1 LUMINESCENT STRIP

DART PART NUMBER	LENGTH "L"	WIDTH "W"	THICKNESS "T"	SUPPLIER	SUPPLIER PART NUMBER	WEIGHT
D3937-1	19.5	0.67	0.09	LUFTHANSA TECHNIK	PL88-990LH00	0.04 LBS



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 153300 ML9
16-11-15

RELEASED
2009-12-8 2

- NOTES:
1) MATERIAL: SEE TABLE
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: SEE TABLE

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO. D3937	REV. B
MFG. APPR.	<i>[Signature]</i>	SHEET 2 OF 3	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LUMINESCENT STRIP	NTS
DATE	09.11.27	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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Date :		Step #:		QTY Effective :			MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34346**

Purchase Order Date 11/16/2016 1:49:13 PM

PO Print Date 11/16/2016

Page Number 1 of 2

Order From :
LUFTHANSA TECHNIK AG
P.O. BOX 7247 - 0006739
PHILADELPHIA, PA 19170 - 0006739
USA

VU-LUF001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

NOV 17 2016

Contact Name
Vendor Phone +49 40 5070 60430

Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	PL88-990LH00 AS PER DWG D3937 REV. B B153300 P/N:PL88-990LH00 14 PCS CUT AT 19.5"	Luminescent Strip DAS 38 9-89	11/30/2016 Yes 11/30/2016		14.00 Each	\$140.62	\$1,968.6
Line Total:							\$1,968.6
2	71401-45 Quality Procurement Clauses A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A026 CERTIFICATE OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS	PROCUREMNET QUALITY CLAUSES	11/30/2016 No 11/30/2016		1.00	\$0.00	\$0.00

Note:

11/16/2016



PROFORMA INVOICE

22.11.2016

Page 1 of 2

SHIPPER Lufthansa Technik AG c/o: Lufthansa Technik Logistik +49 40-5070-68509 HAM UE/SF1 Geb. 210 Weg beim Jäger 193 DE - 22335 Hamburg Consignee's Name and Address DART AEROSPACE LTD. 1270 ABERDEEN STREET CA - K6A 1K7 HAWKESBURY, ON	BECKER HAM TX/BL +49 40-5070-68509	Document No. 52061748994
		
		Shipping Information Customs status X Incoterm FCA HAM Priority B2 Routing HAM- FED . .

No of Pieces	Gross weight kg	Description of Packing
1	1,40	1 special box (non-wood) / 1,40 KG / 82x12x12CM /

POS	Material-/Partnummer	Description
1	PL88-990LH00:C1008 14,000 EA Ser.No.:	GALLEY # GALLY LIGHT PHOTOLUMINESCENT Condition: new Unit Price: USD 140,62 Total Price (Pos.): USD 1.968,68 Int. Cost Center: 65543145 ZID:339934804 Int. Customer Reference: 000091127423 Our Reference: , Item No. ATLAS-Reg.: 000000 Your Reference: Note: GuideU Customized Strips Dart PO 34346 Customs Tariff No.: 391990 Reason for Shipping: Verkauf / sale Country of Origin: Germany Export List No: 0 Export ECCN: 9A991D VALUE FOR IMPORT CUSTOMS PURPOSES ONLY: USD 1.968,68 Material is not listed as Dual-use good according to Council Regulation (EC) 428/2009 RET-EXP - 304000 These items are controlled by the U.S. Government and authorized for reexport only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations. Civil Aircraft Parts
		Total Invoice Value USD 1.968,68 Total Value for Import Customs USD 1.968,68

Please contact our Customer Service, Lufthansa Technik Logistik in Hamburg. If you have any questions or comments about our package: Phone: +49-40-507064717 Mail: HAM.CustomerService@LTL.DLH.DE

Confirmation: The material has been obtained from a Lufthansa Technik approved source. We confirm that the parts were not obtained from any U.S. Government or U.S. Military sources. The parts have not been subjected to extreme stress or heat (as in major engine failure, accident or fire) to the best of our knowledge and while in possession of Lufthansa Technik unless otherwise indicated. This document was issued electronically and is therefore valid without signature.

52061748994

MATERIAL IDENTIFICATION (VERSAND: MATERIAL-IDENTIFIZIERUNGSBELEG)



051007868300001

Order number	:	
Item	:	
Contact	:	
Purchasing Grp.	:	
Phone	:	
Department / Date	:	/

Versandpriorität : 02 = B1:gebuchte Fracht

Materialdaten

PNR/MFR	:	PL88-990LH00:C1008	
Description (German)	:	GALLEY # GALLY LIGHT PHOTOLUMINESCENT	
Description (English)	:	GALLEY # GALLY LIGHT PHOTOLUMINESCENT	
Serial No	:		AL-Code: 0
Condition	:	1	ASS-Code not identified
Quantity	:	14 EA	ECCN: 9A991D
ZID	:		Lizenz:
Charge (EO)	:		
abg. Lagerort	:		empf. Lagerort:
Dangerous Good (Gefahrgut):	:		

DAS
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9-89

Internal information (for LH-use only):

Versandauftragsdaten

Versandauftrags-Nr	:	510078683
VA Pos-Nr	:	1
Kostenträger(KST/AUF)	:	91127423
SM-Meldung Nr	:	
SM-Meldung Homepage	:	
Name/Abt./Tel.Nr.Ersteller:	:	Becker / HAM TX/BL / +49 40-5070-68509
Erstelldatum	:	21.11.2016

Empfänger

<u>Adresse:</u>		
Empfängername	:	Dart Aerospace Ltd.
Empfängername 2	:	
Empfängername 3	:	
Strasse/Nr	:	1270 Aberdeen Street
Post-LZ / Ort / Region	:	K6A 1K7 Hawkesbury ON
Länderkennzeichen	:	CA Land Code
LH-Intern (Org-Einh.)	:	

VersanddatenVerpackungscode : YAA

Additional informationGuideU Customized Strips
Dart PO 34346

1. Country Germany		2. Certificate of Conformity				3. Certificate Ref. 90. LHT/WM481 21NOV2016/001	
4. Organisation		 Lufthansa Technik				Lufthansa Technik AG Weg beim Jäger 193 P.O. Box 630300 D-22313 Hamburg Federal Republic of Germany	
5. Work Order/Contract/Invoice PO 34346							
6. Item	7. Description	8. Part No.	9. Eligibility (1*)	10. Qty.	11. Serial/Batch No.	12. Status/ Work	
01	GuideU AC/MSN Dart Helicopter	P/N Ship Set: PL88-990LH00	unknown	14	N/A	new	
13. Specification/Remarks							
BATCH NO.: 44.15 MANUFACTURE DATE: OCT2015 TASK PERFORMED IN ACC.: Dwg No.: D3937 Rev.B SHELF LIFE OCT/2021							
14. Signature 		15. ID-Stamp 023629		18. Statement			
16. Name THOMAS GÜNTHER WM 481		17. Date /dd/mm/yy. 21NOV2016		Certifies that the part(s) specified above conform(s) with the specification in box 13 and is (are) new.			

(1*) Installer must determine installation eligibility